

OSMM&N File No. 273853US40CIP

Dept.: E/M

Serial No. 10/814,011

By: RDK/YO/mda

In the matter of the Application of: Toshi K. UCHIDA, et al.

For: EMBEDDED OPTICAL COUPLING IN CIRCUIT BOARDS

Due Date: N/A

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Dep. Acct. Order Form
- Cover Letter
- Comments on Statement of Reasons for Allowance

COPY



I:\USER\MDAV\273853\273853US_FR COMMENTS.DOC

BEST AVAILABLE COPY



Docket No.: 273853US40CIP

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/814,011
Applicants: Toshi K. UCHIDA, et al.
Filing Date: March 31, 2004
Allowed: July 31, 2006
For: EMBEDDED OPTICAL COUPLING IN CIRCUIT
BOARDS
Group Art Unit: 2874
Examiner: PEACE, RHONDA S

SIR:

Attached hereto for filing are the following papers:

Comments on Statement of Reasons for Allowance

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

COPY

Richard D. Kelly
Registration No. 27,757

Customer Number

22850

(703) 413-3000 (phone)

(703) 413-2220 (fax)

I:\USER\MDAV\127s\273853\273853US_CV COMMENTS.DOC

Akihiro Yamazaki
Registration No. 46,155



ATTORNEYS AT LAW

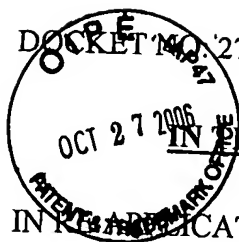
RICHARD D. KELLY
(703) 413-6241
RKELLY@OBLON.COM

AKIHIRO YAMAZAKI
(703) 413-3000
AYAMAZAKI@OBLON.COM
*BAR OTHER THAN VIRGINIA

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 U.S.A.
TELEPHONE: 703-413-3000 FACSIMILE: 703-413-2220 WWW.OBLON.COM

Linked to OPTMS

CASE ID

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

: ALLOWED: JULY 31, 2006

TOSHI K. UCHIDA, ET AL.

: EXAMINER: PEACE, RHONDA S

SERIAL NO: 10/814,011

:

FILED: MARCH 31, 2004

: GROUP ART UNIT: 2874

FOR: EMBEDDED OPTICAL COUPLING :
IN CIRCUIT BOARDSCOMMENTS ON STATEMENT OF REASONS FOR ALLOWANCECOMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Notice of Allowability dated July 31, 2006, Applicants respectfully submit comments on the statement of reasons for allowance regarding the above-identified application.

The statement of reasons for allowance of Claim 37 provided at page 3 of the Notice of Allowability indicates that "[t]he most relevant prior does not disclose, nor does it reasonably suggest an optoelectronic module ..., where the lenses and the reflector form a unitary optical element *with a biconvex top surface and an internally reflecting bottom surface*" (emphasis original). However, it is respectfully submitted that Claim 37 recites "said one or more optical lenses and said optical reflector being formed as different surfaces of a unitary optical element of light transmitting material; and said unitary optical element having *a lenticular top surface* and an internally reflecting bottom surface" (emphasis added in italic)



Also, the statement of reasons for allowance of Claim 114 indicates that “[t]he relevant prior art does not disclose, nor does it reasonably suggest an optoelectronic module comprising a unitary optical element with a *biconvex* top surface and an internally reflecting bottom surface” (emphasis original). Applicants, however, respectfully submit that Claim 114 recites “[a]n optoelectronic module comprising: ... an optical reflector formed as a surface of a unitary optical element of light transmitting material ...; and one or more optical lenses formed as another surface of said unitary optical element of light transmitting material having a *lenticular top surface* and an internally reflecting bottom surface ...” (emphasis added in *italic*).

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

COPY

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

RDK/AY/YO/mda

I:\ATTY\AKY\27s\273853US\273853US_STATEMENT.DOC

Richard D. Kelly
Attorney of Record
Registration No. 27,757

Akihiro Yamazaki
Registration No. 46,155